

LITTLE COLORADO RIVER BASIN

09400740 HARENBERG WASH AT FLAGSTAFF, AZ

LOCATION.--Lat 35°13'09", long 111°35'16", in SE¹/₄NW¹/₄ sec.7, T.21 N., R.8 E., Coconino County, Hydrologic Unit 15020015, at Atchison, Topeka, and Santa Fe railroad tracks at the east edge of Flagstaff.

DRAINAGE AREA.--2.41 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1969	09-12-69	183	C	1975	09-00-75	24	C
1970	09-05-70	146	C	1976	07-13-76	85	C
1971	08-19-71	74	C	1977	08-09-77	44	C
1972	07-24-72	30	C	1978	02-28-78	42	C
1973	07-00-73	25	ES,C	1979	02-17-79	57	C
1974	08-06-74	120	C	1980	07-00-80	57	C

Magnitude and probability of instantaneous peak flow based on period of record 1969-80

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50†	100†
50%	20%	10%	4%	2%	1%
60.2	107	144	198	243	293
Weighted skew	(logs) =	-0.02			
Mean	(logs) =	1.78			
Standard dev.	(logs) =	0.30			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
594	3.1	7,570	91.0	3.0	20.1	2.0	4.0

